#### REMARKS

Claims 19 are pending and stand ready for further action of the merits.

The specification has been amended to clarify the  $\mathsf{scope}$  of component (C).

Support for the amendment to claim 1 can be found in cancelled claim 10. Support for the amendment to claim 9 can be found on page 27, line 15 to page 28, line 2.

No new matter has been added by way of the above-amendment.

## Interview

Applicants note with appreciation that the Examiner has conducted a telephonic Interview with Applicants' representative on October 7, 2002. The Examiner indicated that there was an error in the listing of claims under rejection in the third paragraph of page 3 of the outstanding Office Action. The rejection incorrectly includes claims 1-6, 8 and 10. The Examiner stated that the correct claims under rejection are 1.6, and to over Husegawa et al. US 1,000,100.

## Issues under 35 U.S.C. 112, second paragraph

paramaph, as being indefinite. Applicants respectfully traverse the rejection.

The Examiner objects to the scope of the terms "olefin-based thermoplastic elastomer" and "styrene-based thermoplastic elastomer". The Examiner finds that these terms are defined on pages 27 and 28 to include possible copolymers that are not art-recognized as being encompassed by these terms.

In response, Applicants have amended the specification at pages 27-28 and claim 9 to clarify the possible copolymers that are encompassed by these terms. Each of these terms are now defined to include only art recognized (co)polymers.

In view of the above amendments and comments, Applicants respectfully submit that the claims particularly point out and distinctly claim the subject matter that Applicants regard as the invention. As such, withdrawal of the rejection is respectfully requested.

# Issues under 35 U.S.C. 112, first paragraph

Claim 9 is rejected under 35 U.S.C. 112, first paragraph. Applicants respectfully traverse the rejection.

The Examiner has taken the position that claim 2 lacks written becompton support. Specifically, the Examiner states:

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In response, Applicants have membered are consistently when your ment of is the eletin based thermoplastic elastomer, amponent to a is at least one selected from the droup consisting of ethylene propylene copolymer, ethylene propylene 5-ethylidene norbornene copolymer, ethylene-propylene 5-methyl norbornene copolymer, ethylene-propylene-dicyclopentadiene copolymer, ethylene-butene copolymer and ethylene-octene copolymer; and when component (C) is the styrene-based thermoplastic elastomer, component (C) is at least one selected from the group consisting of styrene-butadiene block copolymer, styrene-isoprene block copolymer, hydrogenated styrene-butadiene block copolymer, and hydrogenated styrene-isoprene block copolymer. Since there is clear support on page 27, line 15 to page 28, line 2, Applicants respectfully submit that the inventors were in possession of the presently claimed invention at the time of filing. As such, withdrawal of the rejection is respectfully requested.

# Hasegawa et al. - U.S. Patent 5,550,190

Chaims 1-6, 8 and 9 are removed under 45 U.S.C. 102(b) as anticipated by, or, in the alternative, under 45 U.S.C. 103(a) as obvious over Hasegawa et al. Applicants respectfully traverse the rejection.

In view of the above amendment, incorporating the subject matter of claim 10 into claim 1, Applicants respectfully submit that this rejection is rendered most.

# Statz - U.S. Patent 5,889,114

Claims 9 and 10 are rejected under 35 U.S.C. 102(b) as being anticipated by Statz. Applicants respectfully traverse the rejection.

This rejection is confusing to Applicants, since each of claims 9 and 10 depend from claim 1, and yet claim 1 is not currently under rejection. Applicants will now assume that claim 1 is also under rejection over Statz.

Applicants respectfully submit that the presently claimed there plastic elastomer may sition is neither anticipated nor renier initial were the teachings of State.

The property of the state of th

Application to that it is possible to tracked expenses of Statz with inventive component (Ar., and to correlate component can of Statz with the inventive component (Br. However, Applicants respectfully submit that the skilled artisan would not correlate component (b) of Statz with the inventive component (C). The Examiner cites the exemplified embodiments of Statz disclosed in Tables V, VI, VIII, IX, X and XII for teaching the inventive thermoplastic elastomer composition. In Tables V, VI, VIII, IX, X and XII of Statz, the acid-containing ethylene copolymer is a copolymer of ethylene and acrylic acid. Thus, it appears that the Examiner is correlating the acid-containing ethylene copolymer of Statz with the inventive component (C).

In response, Applicants have amended the present specification at pages 27-28 to clarify that when inventive component (C) is an olefin-based thermoplastic elastomer, it is at least one selected from the group consisting of ethylene-propylene copolymer, ethylene-propylene 5-ethylidene norbornene copolymer, ethylene-propylene-5-methyl norbornene copolymer, ethylene-propylene-dicyclepentadiene copolymer, ethylene-butene copolymer, and ethylene-cutene copolymer.

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is neither anticipated in reschered livings by Stati. As the Milli-directs, all the claim limit of ma must be tarmit or subjected by the prior art to establish a prima facie case of anticipation of the rejection is respectfully requested.

## Conclusion

In view of the above amendments and comments, Applicants respectfully submit that the claims are in condition for allowance. However, in the event that the Examiner finds to the contrary, Applicants respectfully request that the Examiner enters this Amendment into the official record, to place the claims into better form for appeal.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Garth M. Dahlen, PhD. (43,575) at the telephone number of the undersigned below.

Please note that the extension of time fees are enclosed with the Notice of Appeal which is ising filed today, February 14, 2000. Accordingly, no extension of time fees are necessary in terms of its with this Appeal which.

Attached hereto is a marked-up version of the changes made to the application by this Amendment.

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If necessary, the Immigrate is hereby with sixed in this, a nourrent, and future replies, to charge payment or credit may recreate to Leposit Account No. 2 244- for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

ВУ\_\_\_

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Attachment: Version with Markings to Show Changes Made



## VERSION WITH MARKINGS TO SHOW CHANGES MADE

### IN THE SPECIFICATION:

The paragraph on page 27, line 15 to page 28, line 20 was first amended in the June 26, 2002 Amendment. The amended paragraph is herein amended a second time as follows:

--As the rubbery elastomer of component (C) of the present invention, mention may be made of olefinic elastomers, e.g., ethylene-lpha-olefin copolymers (the ratio of lpha-olefin is 20% by weight or more) such as ethylene-propylene copolymer, ethylenepropylene-5-ethylidene norbornene copolymer, ethylene-propylene-5-methyl norbornene copolymer, ethylene-propylenedicyclopentadiene copolymer, ethylene-butene copolymer and ethylene-octene copolymer, and compositions of these elastomers and the above-described olefinic resins [(including dynamic unlcanizates: ]; and styrene based elastomers such as styrene-Intadiene block opplymer, styrene isgrene block cop lymer, by the remaited styre no rutadiene block of polymer, and by in genated styrene is present to do by lymer. [and the hydroen to tyrobots thereof. Further, as a rubbery chart men of the next of the the or proceeding interests of the all the many labels are distincted by the distinct of the contract of the c in indicate and indicate a reserve in the growing responsible and make the interest of the rough stailer of the second of the representation at the second of the s to expending the transfer of the expension of a contagnor of the expension of the expension

ratter; siling no matter; notific ratter; for once ratter; and unothers with unothers wither. Among these clustement, particularly, letin based] offering based elastements and styrene-based elastement are preferred because of being able to provide an elastement composition having excellent moldability, rubber elasticity and scratch resistance. Particularly preferably, when an olefinic elastoment of an ethylene- $\alpha$ -olefin copolyment having 20% by weight or more of an  $\alpha$ -olefin, and a styrene-based elastoment obtained by hydrogenating a styrene-diene block copolyment are used as component (C) of the present invention, can be obtained a thermoplastic composition having further excellent strength and oil resistance.—

The paragraph on page 28, line 21 to page 29, line 8 has been amended as follows:

--As commercially available products of the above described olefinic elastomer, "Thermorun" produced by Mitsubishi Kagaku K.K., ["Milastomer" produced by Mitsui Sekiyukagaku Kodyo K.K. (Mitsui Petroleum Chemical Industry K.K.), ] "Sumitomo TPE" produced by Sumitomo Kagaku K.K., ["Santoprene" produced by AES K.E., ] "Engle" produced by AES K.E., i "Finale" produced by the dily few Themical E.F. can be went to be a type of the dily few Themical E.F. can be went to be at type of the dily few in the dily few themical E.F. can be went to be at type of the dily few in the d

Francy, and "Type of proceeding Mappen Continue E.E. Supplies Synthetic Englishes can be mentioned.

### IN THE CLAIMS:

Claim 10 has been can weed.

The claims have been amended as follows:

- 1. (Amended) A thermoplastic elastomer composition comprising the following components (A), (B) and (C):
  - (A) 100 parts by weight of a thermoplastic polyester elastomer;
- (B) 3 to 100 parts by weight of a modified olefin resin having an epoxy group or a derivative group thereof in its molecule; and
- (C) 10 to 900 parts by weight of a rubbery elastomer selected from the group consisting of an elefin-based thermoplastic elastomers and styrene-based thermoplastic elastomers; and wherein the component (\*\*) is not vulcanized.
- J. Amended) The their plastic elasters composition acts included to daim 1.

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polyhomodicene and polymyreme, natural rubber, number, number, anylomber, chloroprene rubber, silicene rubber, nutrile rubber, fluorine rubber, unethane rubber, and hydrogenated products thereofl ethylene propylene copolymer, ethylene-propylene-5-methylomorbornene copolymer, ethylene-propylene-5-methylomorbornene copolymer, ethylene-propylene-5-methylomorbornene copolymer, ethylene-propylene-dicyclopentadiene copolymer, ethylene-butene copolymer and ethylene-octene copolymer; and

wherein the styrene-based thermoplastic elastomer component (3) is at least one selected from the group consisting of styrene-butadiene block copolymer, styrene-isoprene block copolymer, hydrogenated styrene-butadiene block copolymer, and hydrogenated styrene-isoprene block copolymer.